

Doc. 1-1 on ss 1 from WPIL using MAX

♥Δερωεντ Ινφορματιον

Cleaning compsn. for use in automatic dishwasher - comprises polyoxyalkylene based nonionic surfactant and di:methyl polysiloxane

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• **Abstract :**

JP54083912 A Compsn. comprises (a) nonionic surfactant of formula $A((EO)_n(PO)_m)_j(I)$ and (b) dimethylpolysiloxane in the ratio of (a)/(b) = 1/1-100/1.

In (I) EO, ethyleneoxide, PO is propyleneoxide, $n = 0-50$, $m = 3-100$, $j=1-4$; when $j=1$, A is 4-18C alkoxy or 6-15C alkylphenoxy; when $j=2$, A is $-O-(CH_2CH_2O)_k-$ or $-O-(C(CH_3)HCH_2O)_h-$ ($k=10-25$, $h=10-70$); when $j=3$, A is glyceloxyl; and when $j=4$, A is $=NCH_2CH_2N=$.

The compsn. leaves no waer spots on the dishes.

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